

BURIED TRANSFORMER ENCLOSURE INSTALLATION PLASTIC

UGS

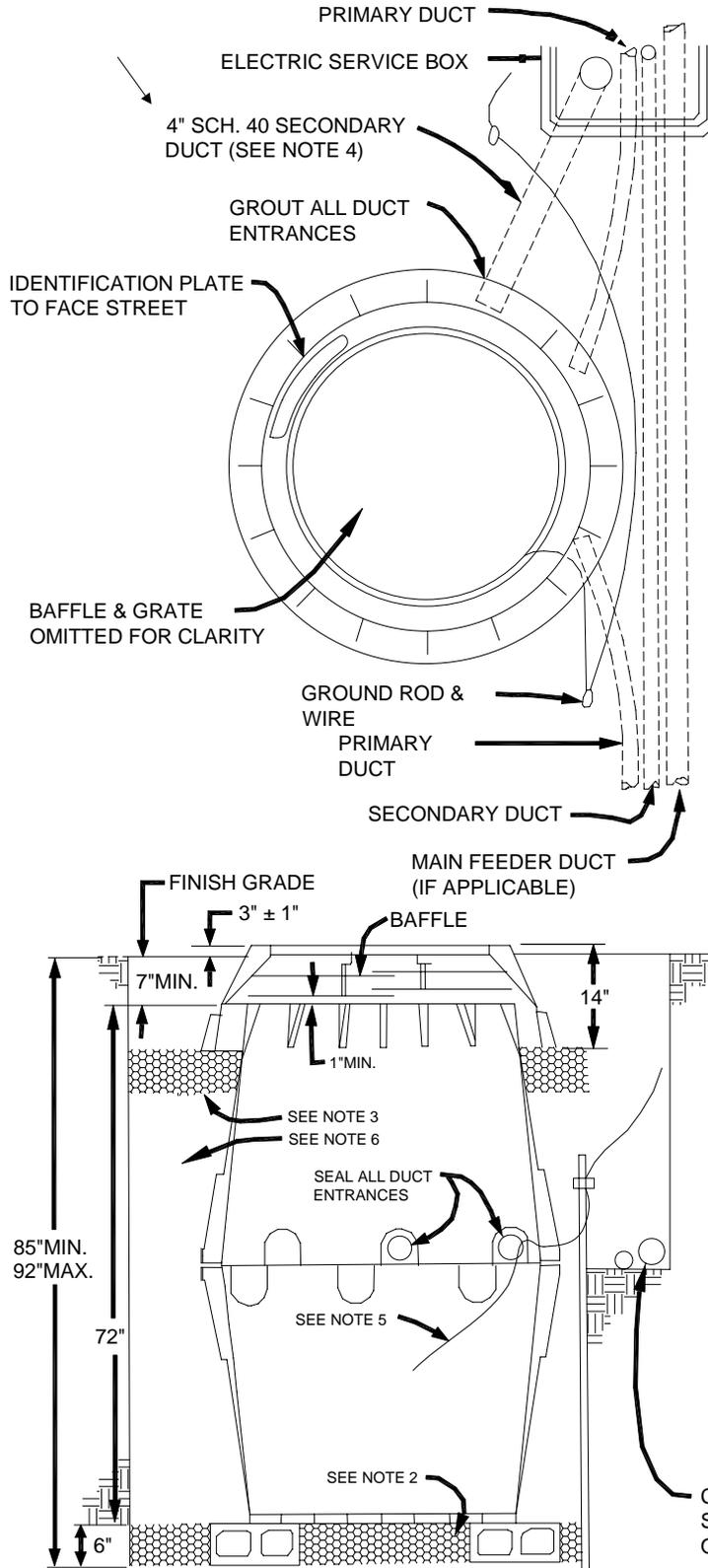
Revision

DATE: 12/28/05

REVISION: REVISED NOTES

DATE: 1/6/06

APPROVAL: *Dave Redding*



NOTES:

1. LOCATE ENCLOSURE AS SPECIFIED ON THE JOB DRAWING WITH VERIFICATION BY R.P.U. INSPECTOR AND POSITION ENCLOSURE SO THAT KNOCKOUTS ARE AT 60° TO CENTERLINE OF TRENCH.
2. ENCLOSURES SHALL BE SET ON 3-6"X6"X16" CONCRETE BLOCKS, SET ON THEIR SIDES, SO PLACED AS TO SUPPORT THE ENCLOSURE. BLOCKS TO BE SET LEVEL AND TO GRADE ON A BASE COMPACTED TO 90%, AND INSPECTED BEFORE SETTING VAULT.
3. SET ENCLOSURE COVER ON A 4" MIN. BED OF 3/4" ROCK. COVER TO BE 3"±1" ABOVE GRADE AND LEVEL.
4. USE END BELLS ON ALL CONDUIT RUNS
5. INSTALL 2-5/8"X96" COPPER GROUND RODS A MINIMUM OF 6' ON CENTER WITH 1/0 BARE COPPER WIRE WITH 4' A TAIL LEFT IN THE ENCLOSURE. PER UGS-225
6. AFTER INSPECTION OF DUCT INSTALLATION, BACKFILL ENCLOSURE EXCAVATION WITH SAND SLURRY AND COMPACT TO 90%.
7. A BLOCK RETAINING WALL MAY BE REQUIRED, AT THE R.P.U. CONSTRUCTION INSPECTOR'S DISCRETION, TO PROTECT ENCLOSURES LOCATED ADJACENT TO OR IN AN EMBANKMENT.
8. SEE UGS-734.1 FOR DETAILS AND DIMENSIONS OF ENCLOSURE.
9. ALL B.T.E.'S SHALL BE FURNISHED WITH STAINLESS STEEL, PENTA HEAD CAP SCREWS TO SECURE THE COVER.
10. ENCLOSURE INTERIOR SHALL BE LEFT CLEAN, FREE OF DIRT, DEBRIS, AND WATER.

CONDUITS BYPASSING ENCLOSURE SHALL REST ON UNDISTURBED SOIL OR COMPACTED BACKFILL.